

ABSTRACT OF THE DISCLOSURE

A rechargeable electrochemical energy storage cell structure capable of providing high voltage operation comprises a plurality of electrode and separator member assemblies comprising individual cells disposed in electrical series circuit arrangement with interposed electrically conductive divider members and sealed within an enveloping casing. Each divider member engages the casing to form sealed compartments for the individual electrochemical cell assemblies in order to prevent migration of electrolyte which might otherwise result in deleterious ionic shorting between electrodes of opposite charge and comprising separate component cells.